

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/002809

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, SEQUENCE SEARCH, MEDLINE, EMBL

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE EMBL 'Online! Hum. spliced transcr. det. olig. SEQ ID NO:13780, 15 July 2002 (2002-07-15) retrieved from EBI Database accession no. ABN41032 XP002286307 abstract &amp; WO 02/10449 A (COMPUGEN INC.) 7 February 2002 (2002-02-07)</p> <p style="text-align: center;">--- -/-</p>	21

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

29 June 2004

Date of mailing of the international search report

04/08/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE EMBL 'Online! seqLPD#608pr51, 17 October 2001 (2001-10-17) retrieved from EBI Database accession no. AAH43150 XP002286308 abstract -&amp; WO 01/57189 A (QUARK BIOTECH INC.) 9 August 2001 (2001-08-09) SEQ ID NO: 20 page 49, line 20 - line 27 page 77, line 1 - line 5</p>	21
Y	<p>CHARPENTIER APRIL H ET AL: "Effects of estrogen on global gene expression: Identification of novel targets of estrogen action" CANCER RESEARCH, vol. 60, no. 21, 1 November 2000 (2000-11-01), pages 5977-5983, XP002263160 ISSN: 0008-5472 cited in the application</p>	21,22
A	<p>the whole document</p>	1,4-20
Y	<p>DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; October 2002 (2002-10) MCMANUS MICHAEL T ET AL: "Gene silencing in mammals by small interfering RNAs." Database accession no. NLM12360232 XP002286309 abstract &amp; NATURE REVIEWS. GENETICS. ENGLAND OCT 2002, vol. 3, no. 10, October 2002 (2002-10), pages 737-747, ISSN: 1471-0056</p>	21,22
A	<p>WO 99/00123 A (PHARMACIA &amp; UPJOHN AB ;LIND PETER (SE); WALUM ERIK (SE)) 7 January 1999 (1999-01-07) the whole document</p>	15,16
A	<p>WO 02/059621 A (BAYER AG) 1 August 2002 (2002-08-01) claims</p>	1,4-20

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,P	<p>           DATABASE EMBL 'Online!            Secreted polypeptide-related cDNA #33,            17 September 2003 (2003-09-17)            retrieved from EBI            Database accession no. ACD66744            XP002263161            abstract            &amp; US 2003/022279 A1 (MACKAY CHARLES R ET            AL.) 30 January 2003 (2003-01-30)            page US200318; claim 2; figures 16A-16D            -----         </p>	13-16

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/002809

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0210449	A	07-02-2002	AU 1079102 A EP 1305450 A2 WO 0210449 A2 JP 2004508019 T US 2003165843 A1	13-02-2002 02-05-2003 07-02-2002 18-03-2004 04-09-2003
WO 0157189	A	09-08-2001	AU 3673301 A GB 2375172 A WO 0157189 A2	14-08-2001 06-11-2002 09-08-2001
WO 9900123	A	07-01-1999	AT 227986 T AU 744134 B2 AU 7951398 A CA 2295747 A1 DE 69809558 D1 DE 69809558 T2 EP 1001758 A1 JP 2002508770 T NZ 502112 A WO 9900123 A1 US 6001578 A	15-12-2002 14-02-2002 19-01-1999 07-01-1999 02-01-2003 10-04-2003 24-05-2000 19-03-2002 01-02-2002 07-01-1999 14-12-1999
WO 02059621	A	01-08-2002	US 2002160394 A1 WO 02059621 A2	31-10-2002 01-08-2002
US 2003022279	A1	30-01-2003	US 2004121396 A1 AU 2769101 A WO 0151514 A1 US 2002182675 A1 US 2003170621 A1 AU 5305000 A EP 1210416 A2 WO 0077239 A2 US 2003175733 A1 US 2003082586 A1 AU 5619700 A EP 1194534 A2 WO 0100638 A2 AU 6063900 A EP 1218392 A1 WO 0118016 A1 AU 5887700 A EP 1240198 A1 WO 0129088 A1	24-06-2004 24-07-2001 19-07-2001 05-12-2002 11-09-2003 02-01-2001 05-06-2002 21-12-2000 18-09-2003 01-05-2003 31-01-2001 10-04-2002 04-01-2001 10-04-2001 03-07-2002 15-03-2001 30-04-2001 18-09-2002 26-04-2001
WO 9821366	A	22-05-1998	AU 5442198 A CA 2269658 A1 EP 0960212 A1 JP 2001504694 T WO 9821366 A1 US 6057111 A	03-06-1998 22-05-1998 01-12-1999 10-04-2001 22-05-1998 02-05-2000